

I-23
11/9/99

United States Environmental Protection Agency
Pollution Report

EPA Region 5 Records Ctr.



306783

I. HEADINGS

DATE: November 9, 1999

SUBJECT: Pollution Report for the Lake Underground Storage Site, Painesville Township, Lake County, Ohio

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POLREP #5 - OPA Funded Removal

Start Date: September 16, 1999

II. BACKGROUND

| | |
|---------------------------|----------------------|
| Site No: | FPN G99032 |
| NPL Status: | Non-NPL |
| Response Authority | OPA |
| State Notification: | OEPA |
| Completion Date: | TBD |
| Latitude: | 41°43'43.37" N |
| Longitude: | 81°16'43.29" W |
| CERCLA Incident Category: | Removal - OPA funded |

III. SITE INFORMATION

A. Incident Category: Removal-OPA funded

B. Site Description

1. Site location and background

Lake Underground Storage (LUS) site (a.k.a Nacelle Land Management Corporation) is a 73-acre, inactive brine facility located at 675 Lakeshore Boulevard in Painesville Township, Lake County, Ohio. The site is located northwest of the city of Painesville and adjacent to Mentor Marsh State Nature Preserve, which empties into Lake Erie. A detailed description of the background can be found in the initial POLREP.

IV. RESPONSE INFORMATION

A. Situation

1. Current situation

Refer to initial POLREP for detailed response information.

2. Removal actions to date: (November 1 through 6, 1999)

ERRS continued to solidify contaminated oil sludges and sediments from the lagoon with fly ash. On November 2, 1999, ERRS initiated off-site transportation and disposal operations. As of November 5, 1999, approximately 1,344 tons of solidified oil sludge were disposed of at Waste Management's Geneva Landfill located in Geneva, Ohio and the American Landfill located in Waynesburg, Ohio.

ERRS continued 24-hour de-watering operations to hasten the removal of water from the lagoon. As of November 6, 1999, a total of 1,939,950 gallons of water were discharged into the sanitary sewer. Twenty-four hour de-watering operations were discontinued on November 6, 1999.

B. Next Steps

- Complete de-watering of the lagoon (anticipated, November 12, 1999).
- Research transportation and disposal options for off-site solidification of contaminated sludges and sediments from the lagoon at a local landfill.
- Site-specific IAG was submitted to USCG for funding of removal actions.

C. Key Issues

- OSC Augustyn requested FPN ceiling increase from \$425,000 to \$1,000,000 on November 4, 1999.

V. COST INFORMATION

Cost as of 11/05/99:

| | |
|----------|------------------|
| ERRS | \$ 199,246 |
| EPA/USGC | \$ 9,672 |
| START | <u>\$ 17,220</u> |
| TOTAL | \$ 226,138 |

VI. DISPOSITION OF WASTES

| WATER DISPOSAL SUMMARY | | | |
|------------------------|--------------|-------------------|----------------|
| DATE | WASTE | VOLUME | DISPOSAL |
| 10/07 thru 10/31/99 | Lagoon Water | 1,412,575 gallons | Sanitary Sewer |
| 11/01/99 | Lagoon Water | 91,425 gallons | Sanitary Sewer |
| 11/02/99 | Lagoon Water | 103,800 gallons | Sanitary Sewer |
| 11/03/99 | Lagoon Water | 103,325 gallons | Sanitary Sewer |
| 11/04/99 | Lagoon Water | 120,675 gallons | Sanitary Sewer |
| 11/05/99 | Lagoon Water | 108,150 gallons | Sanitary Sewer |
| CUMULATIVE TOTAL | | 1,939,950 gallons | Sanitary Sewer |

| SOLIDIFIED OIL SLUDGE DISPOSAL SUMMARY | | | |
|--|-----------------------|------------|---------------------------------------|
| DATE | WASTE | QUANTITY* | DISPOSAL |
| 11/02/99 | Solidified Oil Sludge | 96 tons | Geneva Landfill |
| 11/03/99 | Solidified Oil Sludge | 288 tons | Geneva Landfill |
| 11/04/99 | Solidified Oil Sludge | 432 tons | Geneva Landfill |
| 11/05/99 | Solidified Oil Sludge | 528 tons | Geneva Landfill and American Landfill |
| CUMULATIVE TOTAL | | 1,344 tons | Geneva Landfill and American Landfill |

* == Approximate quantities.